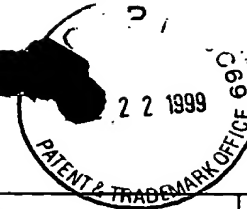


Form PTO-1449 (REV. 8-83) US Dept. of Commerce PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		ATTY DOCKET NO. 102290		APPLICATION NO. 09/202,096	
		APPLICANT David Mark HADDLETON			
		FILING DATE February 1, 1999		GROUP 1754 1713	
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS SUB CLASS
PH		5,763,548	6/1998	MATYJASZEWSKI et al.	— —
FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS SUB CLASS
PH		WO 98/03521	1/1998	WIPO	— —
		WO 96/30421	10/1996	WIPO	— —
		WO 97/18247	5/1997	WIPO	— —
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)					
PH		WANG, Yun-Pu et al., "Synthesis and Selective Catalytic Oxidation Properties of Polymer-Bound Melamine Copper(II) Complex", <u>Reactive & Functional Polymers</u> , 1997, Vol. 33, pages 81-85.			
		SVOBODA, Michael et al., "Diazadien-Nickel-Alkyle", <u>Journal of Organometallic Chemistry</u> , 1980, Vol., 191, pages 321-328.			
		KOTEN, Gerard Van et al., "1,4-Diaza- 1,3-butadiene (a-Diimine) Ligands: Their Coordination Modes and the Reactivity of Their Metal Complexes", <u>Advances in Organometallic Chemistry</u> , 1982, Vol. 21, pages 151-239.			
		SAWAMOTO, Mitsuo et al., "Design and Mechanism of Living Cationic and Radical Polymerizations", <u>International Symposium on Ionic Polymerization</u> , Istanbul Technical University, September 4-8, 1995, page 11.			
PH		MITSURU, Kato et al., "Polymerization of Methyl Methacrylate with the Carbon Tetrachloride/Dichlorotris-(triphenylphosphine) ruthenium (II)/Methylaluminum Bis (2,6-di-tert-butylphenoxide) Initiating System: Possibility of Living Radical Polymerization", <u>Macromolecules</u> , 1995, Vol. 28, pages 1721-1723.			
EXAMINER		Robert Haddleton		DATE CONSIDERED 03-21-00	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					



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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
RU		WANG, Jin-Shan, et al., "Controlled/"Living" Radical Polymerization. Halogen Atom Transfer Radical Polymerization Promoted by a Cu(I)/Cu(II) Redox Process", <u>Macromolecules</u> , 1995, Vol. 28 pages, 7901-7910.					
		PERCEC, Virgil et al., "Living" Radical Polymerization of Styrene Initiated by Arenesulfonyl Chlorides and Cu'(bpy) _n Cl, <u>Macromolecules</u> , 1995, Vol. 28, pages 7970-7972.					
		PERCEC, Virgil et al., "Metal Catalyzed "Living" Radical Polymerization of Styrene Initiated with Arenesulfonyl Chlorides. From Heterogeneous to Homogeneous Catalysis", <u>Macromolecules</u> , 1996, Vol. 29, pages 3665-3668.					
		NISHIKAWA, Tomotaka, et al., "Evidence for Living Radical Polymerization of Methyl Methacrylate with Ruthenium Complex: Effects of Protic and Radical Compounds and Reinitiation from the Recovered Polymers", <u>Macromolecules</u> , 1997, Vol. 30, pages 2244-2248.					
RU		HADDLETON, David M., "Identifying the Nature of the Active Species in the Polymerization of Methacrylates: Inhibition of Methyl Methacrylate Homopolymerizations and Reactivity Ratios for Copolymerization of Methyl Methacrylate/ <i>n</i> -Butyl Methacrylate in Classical Anionic, Alkylolithium/Trialkylaluminum-Initiated, Group Transfer Polymerization, Atom Transfer Radical Polymerization, Catalytic Chain Transfer, and Classical Free Radical Polymerization", <u>Macromolecules</u> , 1997, Vol. 30, pages 3992-3998.					
EXAMINER <i>Robert Ford</i>				DATE CONSIDERED 3-21-00			
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
KS		4,728,706	01/1988	Farnham et al.	—	—	
		4,940,760	07/1990	Boettcher et al.	—	—	
KA		5,763,548	06/1998	Matyjaszewski et al.	—	—	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
KA		WO 98/01480	01/1998	WIPO	—	—	
KA		WO 97/18247	05/1997	WIPO	—	—	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
KA		M. Svoboda et al., <u>Diazadien-Nickel-Alkyle</u> , Journal of Organometallic Chemistry, Vol. 191 (1980), pp. 321-328.					
		G. Van Koten et al., <u>1, 4-Diaza-1, 3-butadiene (α-Diimine) Ligands: Their Coordination Modes and the Reactivity of Their Metal Complexes</u> , Advances in Organometallic Chemistry, Vol. 21, (1982), pp. 151-239.					
		J. Wang et al., <u>Controlled/"Living" Radical Polymerization. Halogen Atom Transfer Radical Polymerization Promoted by a Cu(I)/Cu(II) Redox Process</u> , Macromolecules, Vol. 28, (1995), pp. 7901-7910.					
		V. Percec et al., <u>"Living" Radical Polymerization of Styrene Initiated by Arenesulfonyl Chlorides and Cu^I(bpy)_nCl</u> , Macromolecules, Vol. 28, (1995), pp. 7970-7972.					
		M. Kato et al., <u>Polymerization of Methyl Methacrylate with the Carbon Tetrachloride/Dichlorotris-(triphenylphosphine)ruthenium(II)/Methylaluminum Bis(2,6-di-tert-butylphenoxide) Initiating System: Possibility of Living Radical Polymerization</u> , Macromolecules, Vol. 28, (1995), pp. 1721-1723.					
		C. Granel et al., <u>Controlled Radical Polymerization of Methacrylic Monomers in the Presence of a Bis(ortho-chelated) Arylnickel(II) Complex and Different Activated Alkyl Halides</u> , Macromolecules, Vol. 29, (1996), pp. 8576-8582.					
KA		D. Haddleton et al., <u>Identifying the Nature of the Active Species in the Polymerization of Methacrylates: Inhibition of Methyl Methacrylate Homopolymerizations and Reactivity Ratios for Copolymerization of Methyl Methacrylate/n-Butyl Methacrylate in Classical Anionic, Alkylaluminum/Trialkylaluminum-Initiated, Group Transfer Polymerization, Catalytic Chain Transfer, and Classical Free Radical Polymerization</u> , Macromolecules, Vol. 30, (1997), pp. 3992-3998.					
		K. Matyjaszewski et al., <u>Controlled/"Living" Radical Polymerization. Kinetics of the Homogeneous Atom Transfer Radical Polymerization of Styrene</u> , J. Am. Chem. Soc., Vol. 119, (1997), pp. 674-680.					
EXAMINER				DATE CONSIDERED			
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
k u	5,807,937	09/1998	Matyjaszewski et al.	—	—

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER <i>Albert Haul</i>	DATE CONSIDERED 3-21-00
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